

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Resurve Fund to Emergency Works like water supply, Desilting of rains, shoulders drains, maintenance of Culverts, drains etc, at Dasarahalli surrounding area Ward No 06 Byatarayanapura Sub Division

Estimate Cost Rs.							1500000.00	
Description of item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB 300-1. Earth work excavation by manual means in Ordinary Soil soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.MORTH chapter 3. No. 143/ Item No. 19.1/ PWD SR 2018-19	Cum							
Culverts		3	6.00	2.10	1.20	45.36		
						45.36	137.80	6251.00
Basic Rate	130.00							
Area Weightage @ 6%	7.80							
Total	137.80							
KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 1:4:8 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 13/ Item No. 4.3/ PWD SR 2018-19	Cum							
For Culverts		3	6.00	2.10	0.15	5.83		
						5.83	5408.12	31543.00
Basic Rate	5102.00							
Area Weightage @ 6%	306.12							
Total	5408.12							
KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 25/ Item No. 5.9/ PWD SR 2018-19	Sqm							
Culverts		6	6.00	0.60	0.90	19.44		
						19.44	5811.98	112985.00
Basic Rate	5483.00							
Area Weightage @ 6%	328.98							
Total	5811.98							

Sl o	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/P No. 13/ Item No. 4.7/ PWD SR 2018-19	cum							
	Culverts Coaping		6	6.00	0.60	0.15	3.24		
	Vent Bed		3	6.00	0.60	0.15	1.62		
							4.86	5627.54	27350.00
	Basic Rate	5309.00							
	Area Weightage @ 6%	318.54							
	Total	5627.54							
	KSRB 15.1.3: Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 115/ Item No. 15.1/ PWD SR 2018-19	Sqm							
	Culverts		6	6.00		0.90	32.40		
							32.40	223.66	7247.00
	Basic Rate	211.00							
	Area Weightage @ 6%	12.66							
	Total	223.66							
	Providing precast slab of 250mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge- Data rate	Sqm							
	For Culverts		3	6.00	1.80		32.40	5418.00	175543.00
	Approved DATA RATE	5418.00							
	1031 - Hire Charges of J.C.B Excavator including Operator and Fuel (P. XLVIII / I. 23) PWD SR 2018-19	Day							
			60				60		
							60	5695.00	341700.00
	1024 - Hire Charges of Tractor 50 HP including Operator and Fuel (P. XLVIII/I. 20) PWD SR 2018-19	Day							
	2 Tractor X 2 months X 25Days	2X2X25					100		
							100	2129.00	212900.00
	Engaging Causal Labours (Unskilled mazdoor Heavy) (PWD SR 2018-19 Page No. LVI/SL NO. 5)	Nos							
	15 Labour X 2 months X 25 Days	15X2X25					750		
							750	446.20	334650.00

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
0	Providing precast slab of 100 mm thick including cost of all materials, labour, curing, transportation, loading, unloading, etc., complete as per the direction of engineer in charge- Data rate	Sqm							
	For Replacing Damaged Slabs		1	40.00	0.90		36.00	2337.00	84132.00
	Approved DATA RATE	2337.00							
1	KSRRB M100-2. Loading and Unloading of stone boulders by manual means complete as per specification MORTH-100/chapter-1 Page No. 136/ Item No. 17.1/ PWD SR 2018-19	Cum							
			Qty. Vide Item No. 1				45.36		
							45.36	60.42	2741.00
	Basic Rate	57.00							
	Area Weightage @ 6%	3.42							
	Total	60.42							
							Grand Total		1337042.00
	For 12% Applicable GST								160445.00
	Miscellaneous Charges	L/S							2513.00
									1500000.00

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The work spot has been inspected and the work is found necessary.
This estimate is prepared as per PWD SR of 2018-19
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 06 (Thanisandra)

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub-Division

TECHNICAL SANCTION	
Accorded For Rs.	15.00 lakhs only
Head of A/C	P1771.
Ref. No.	48/1920
Date	18-7-19.

Administrative Approval

Accorded For R.C.I.S. lakhs only
Head of A/C P1771
CER NO : 55 Dt: 10/07/2019

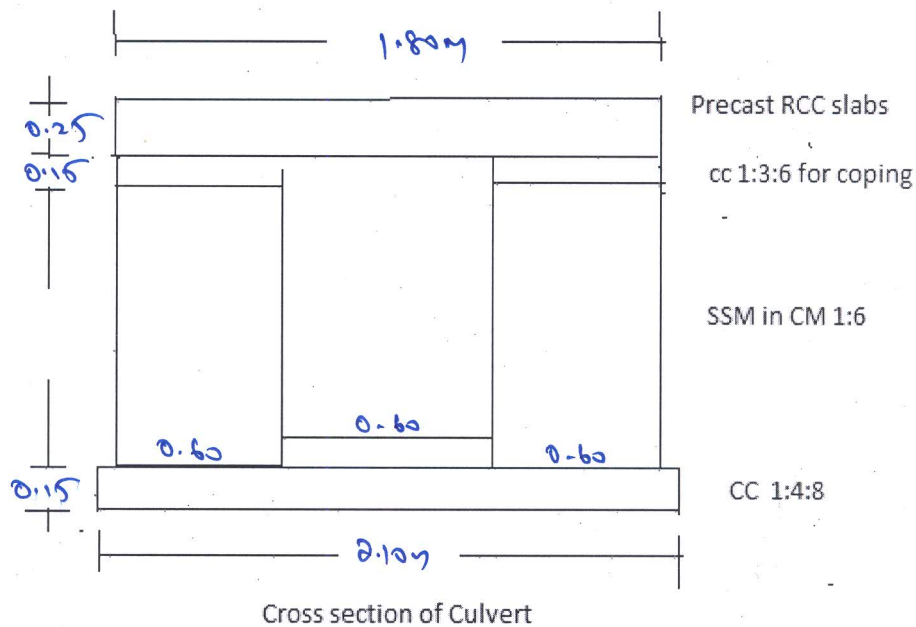
TA CE (YNK)

Name of work : Reserve fund to Emergency works like w/s, desilting
drains, shoulder drains, Maintenance of culverts etc
at assembly surrounding areas Ward no. 06.

Estimated cost : Rs 15 Lakhs

P code : 1771

Job No: 006-19-000054




Assistant Engineer
Ward No 06


Assistant Executive Engineer
Byatarayanpura sub division
Ward No 06